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PREFACE.

In undertaking this catalogue the compiler has not been actuated by any ambitious motives. He began this work immediately upon his appointment to office, and has only to regret now the unavoidable delay which has attended its publication. He fully realizes the many imperfections of the work—due in part to the manner of publication, but in a larger degree to inexperience—but still ventures to hope that he has, in some measure, at least, accomplished his desire to produce a work which shall be of great assistance to persons consulting this library. It will be seen that the work is divided into two parts: Part I. SYNTHETICAL: A., Catalogue of the Systematic Works; B., Catalogue of the Periodical Publications,—wherein these works are arranged in alphabetical order, according to their author or title, and without reference to subjects; and Part II., ANALYTICAL: wherein the Systematic Works and Periodical Publications are classified with reference to subjects. Part I. B. will be found to include a copious Index, in which have been inserted many abbreviated titles, under which some of the more prominent periodicals are at times quoted. Part II. will be found to include a copious Index, the typographical arrangement of which will indicate clearly whether the reference be to a general heading, a sub-heading, or otherwise. This characteristic applies also, and in a larger degree, to the Index in Part I., B.

JOHN F. MEYER,
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PART I. SYNTHETICAL:

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B. PERIODICAL PUBLICATIONS.

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WHEREIN THE SYSTEMATIC WORKS AND PERIODICAL PUBLICATIONS ARE CLASSIFIED WITH REFERENCE TO SUBJECTS.

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SYNOPSIS OF CLASSIFICATION.

MATHEMATICAL SCIENCES.

ARITHMETIC—
- Weights, Measures and Coins.

ANALYSIS.
GEOMETRY.
APPLIED GEOMETRY.
RATIONAL MECHANICS.
ASTRONOMY.

NATURAL SCIENCES.

PHYSICS--
- Spectrum Analysis.
- MICROSCOPY.

GENERAL AND INORGANIC CHEMISTRY.
ORGANIC CHEMISTRY.
ANALYTICAL CHEMISTRY.
AGRICULTURAL CHEMISTRY.
ANIMAL AND MEDICAL CHEMISTRY.
CHEMICAL TECHNOLOGY.
METALLURGY—
- Generalities.
- Furnaces and Fuels.
- Iron.
- Steel.
- Gold and Silver.
- Copper, Lead, Tin, Nickel and Cobalt.

ASSAYING.

NATURAL HISTORY—
- AGRICULTURE.
- BOTANY AND VEGETABLE PHYSIOLOGY.
- GEOGRAPHY, PHYSICAL AND POLITICAL.
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